

# KAMALESHWARAN K

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## Summary

Passionate Java Full Stack Developer focused on building clean, efficient backend systems and intuitive web applications using Java and Spring Boot.

## Experience

**Software Engineer Trainee** **Jul 2025 – Present**  
Cognizant, Chennai, India

- Contributing to the development, enhancement, and maintenance of enterprise-level applications using Java, Spring Boot, SQL, and front-end technologies.
- Strengthened expertise in REST API development, database interactions, and building scalable backend modules.

**GenC Internship – Full Stack Developer Intern** **Mar 2025 – Jul 2025**  
Cognizant, Chennai, India

- Developed a full-stack Library Management System with modules like user authentication, book borrowing, overdue fines, and profile dashboards.
- Gained practical exposure to Spring Boot, Java, MySQL, Thymeleaf, Git, and software engineering workflows.

## Education

**Bachelor of Engineering – Electronics and Communication Engineering**  
K. Ramakrishnan College of Technology May 2025 CGPA: 8.40

**Higher Secondary Certificate (HSC) – Computer science**  
Rai vidyalaya Matriculation Higher Secondary School Mar 2021 Percentage: 86.54%

## Projects

**Library Management System (Cognizant Internship)**

- Developed a full-stack application with user authentication, book borrowing/return, overdue fines, and profile management using Java, Spring Boot and MySQL.

**Voice-Controlled Wheelchair with Bluetooth Navigation for Enhanced Mobility (College Project-2025)**

- Designed and built an assistive wheelchair controlled entirely through voice commands and Bluetooth-based navigation, enabling improved accessibility for users with mobility challenges. Designed to improve mobility independence for individuals with limited physical capabilities.

## Technical Skills

**Frontend:** HTML, CSS, JavaScript, Bootstrap, jQuery, Thymeleaf.  
**Backend:** Java, Spring Boot (REST APIs, MVC, Security Basics), Spring Data JPA.  
**Database:** MySQL, SQL Queries.  
**Tools:** Git & GitHub, Maven, Postman, IntelliJ IDEA, Arduino IDE.  
**Other:** Agile & SDLC, Debugging, Basic Microservices, Wireless Communication, Sensor Interfacing, Embedded Logic.  
**Soft Skills:** Leadership, Teamwork, Problem Solving, Adaptability, Communication.

## Achievements

- Microsoft Azure Fundamentals (**AZ-900**) Certified — Cloud fundamentals, Azure compute, networking, storage, identity, and cost management.
- Secured a global rank of **7056 in TCS CodeVita Season 12 (2025)** using Java.
- Completed the **Salesforce Administrator Virtual Internship**, gaining CRM and cloud fundamentals.
- Achieved **1st, 2nd, and 3rd place** in the Anna University Men’s Hockey Tournament (2022, 2023, 2024).